

10. 1-Way Cassette (Type D1)

10-1. Specifications

Unit specifications (A)

MODEL No.		Indoor Unit		S-28MD1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		2.8			3.2		
	BTU / h		9,600			11,000		
Air circulation (Hi / Me / Lo)		m ³ / h	720 / 600 / 540					
Moisture removal (High)		Liters / h	0.6			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.40	0.39	0.39	0.36	0.35	0.35
Power input		W	50	51	52	39	40	42
Power factor		%	57	57	56	49	50	50
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air flow direction		Automatic (Remote control)						
Air filter		Washable, easy access, long life (2,500 h)						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	36 / 34 / 33					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		25 A, OD32 mm						
Drain pump		Max. head 700 mm above drain connection						
Panel		Optional (CZ-KPD2)						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / Accessory cable						
Color (Approximate value)		Munsell 2.5GY 9.0 / 0.5, RAL 9001-GL (resemblant color)						
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package		
Unit dimensions	Height	mm (in.)	220 (8-21 / 32)		235 (9-1 / 4)	130 (5-1 / 8)		
	Width	mm (in.)	1230 (48-7 / 16)		1270 (50)	1260 (49-39 / 64)		
	Depth	mm (in.)	800 (31-1 / 2)		790 (31-3 / 32)	875 (34-7 / 16)		
Net weight		kg (lbs.)	21 + 5.5 (46 + 12)		-	-		
Shipping weight		kg (lbs.)	-		23.5 (52)	7.5 (17)		
Shipping volume		m ³ (cu.ft)	-		0.236 (8.3)	0.143 (5.1)		

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

10. 1-Way Cassette (Type D1)

Unit specifications (B)

MODEL No.		Indoor Unit		S-36MD1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		3.6			4.2		
	BTU / h		12,000			14,000		
Air circulation (Hi / Me / Lo)		m ³ / h	720 / 600 / 540					
Moisture removal (High)		Liters / h	1.3			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.40	0.39	0.39	0.36	0.35	0.35
Power input		W	50	51	52	39	40	42
Power factor		%	57	57	56	49	50	50
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air flow direction		Automatic (Remote control)						
Air filter		Washable, easy access, long life (2,500 h)						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	36 / 34 / 33					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		25 A, OD32 mm						
Drain pump		Max. head 700 mm above drain connection						
Panel		Optional (CZ-KPD2)						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / Accessory cable						
Color (Approximate value)		Munsell 2.5GY 9.0 / 0.5, RAL 9001-GL (resemblant color)						
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package		
Unit dimensions		Height	mm (in.)	220 (8-21 / 32)		235 (9-1 / 4)	130 (5-1 / 8)	
		Width	mm (in.)	1230 (48-7 / 16)		1270 (50)	1260 (49-39 / 64)	
		Depth	mm (in.)	800 (31-1 / 2)		790 (31-3 / 32)	875 (34-7 / 16)	
Net weight		kg (lbs.)	21 + 5.5 (46 + 12)		-			
Shipping weight		kg (lbs.)	-		23.5 (52)	7.5 (17)		
Shipping volume		m ³ (cu.ft)	-		0.236 (8.3)	0.143 (5.1)		

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Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

10. 1-Way Cassette (Type D1)

Unit specifications (C)

MODEL No.		Indoor Unit		S-45MD1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity		kW	4.5			5.0		
		BTU / h	15,000			17,000		
Air circulation (Hi / Me / Lo)		m ³ / h	720 / 660 / 600					
Moisture removal (High)		Liters / h	1.3			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.40	0.39	0.39	0.36	0.35	0.35
Power input		W	50	51	52	39	40	42
Power factor		%	57	57	56	49	50	50
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air flow direction		Automatic (Remote control)						
Air filter		Washable, easy access, long life (2,500 h)						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	36 / 35 / 34					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		25 A, OD32 mm						
Drain pump		Max. head 700 mm above drain connection						
Panel		Optional (CZ-KPD2)						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / Accessory cable						
Color (Approximate value)		Munsell 2.5GY 9.0 / 0.5, RAL 9001-GL (resemblant color)						
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package		
Unit dimensions		Height	mm (in.)	220 (8-21 / 32)		235 (9-1 / 4)	130 (5-1 / 8)	
		Width	mm (in.)	1230 (48-7 / 16)		1270 (50)	1260 (49-39 / 64)	
		Depth	mm (in.)	800 (31-1 / 2)		790 (31-3 / 32)	875 (34-7 / 16)	
Net weight		kg (lbs.)	21 + 5.5 (46 + 12)		-			
Shipping weight		kg (lbs.)	-		23.5 (52)	7.5 (17)		
Shipping volume		m ³ (cu.ft)	-		0.236 (8.3)	0.143 (5.1)		

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Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

10. 1-Way Cassette (Type D1)

Unit specifications (D)

MODEL No.		Indoor Unit		S-56MD1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity		kW	5.6			6.3		
		BTU / h	19,000			21,000		
Air circulation (Hi / Me / Lo)		m ³ / h	780 / 690 / 600					
Moisture removal (High)		Liters / h	2.5			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.46	0.46	0.46	0.42	0.41	0.41
Power input		W	58	60	61	46	48	49
Power factor		%	57	57	55	50	51	50
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air flow direction		Automatic (Remote control)						
Air filter		Washable, easy access, long life (2,500 h)						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	38 / 36 / 34					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		25 A, OD32 mm						
Drain pump		Max. head 700 mm above drain connection						
Panel		Optional (CZ-KPD2)						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / Accessory cable						
Color (Approximate value)		Munsell 2.5GY 9.0 / 0.5, RAL 9001-GL (resemblant color)						
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package		
Unit dimensions		Height	mm (in.)	220 (8-21 / 32)		235 (9-1 / 4)	130 (5-1 / 8)	
		Width	mm (in.)	1230 (48-7 / 16)		1270 (50)	1260 (49-39 / 64)	
		Depth	mm (in.)	800 (31-1 / 2)		790 (31-3 / 32)	875 (34-7 / 16)	
Net weight		kg (lbs.)	21 + 5.5 (46 + 12)		-			
Shipping weight		kg (lbs.)	-		23.5 (52)	7.5 (17)		
Shipping volume		m ³ (cu.ft)	-		0.236 (8.3)	0.143 (5.1)		

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

10. 1-Way Cassette (Type D1)

Unit specifications (E)

MODEL No.		Indoor Unit		S-73MD1E5					
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz					
PERFORMANCE				Cooling			Heating		
Capacity		kW		7.3			8.0		
		BTU / h		25,000			27,000		
Air circulation (Hi / Me / Lo)		m ³ / h		1,080 / 900 / 780					
Moisture removal (High)		Liters / h		3.3			-		
ELECTRICAL RATINGS									
Voltage rating		V		220	230	240	220	230	240
Available voltage range		V		198 - 264			198 - 264		
Running amperes		A		0.71	0.70	0.69	0.66	0.65	0.63
Power input		W		86	87	89	75	76	77
Power factor		%		55	54	54	52	51	51
Max. starting amperes		A		1	1	1	1	1	1
FEATURES									
Controls		Microprocessor							
Timer		ON / OFF Timer (Max. 72 h)							
Fan speeds		3 and Automatic control							
Air flow direction		Automatic (Remote control)							
Air filter		Washable, easy access, long life (2,500 h)							
Refrigerant control		Electronic expansion valve							
Operation sound (Hi / Me / Lo)		dB-A		45 / 40 / 36					
Refrigerant tubing connections		Flare type							
Refrigerant tube diameter		Liquid tube		mm (in.)		9.52 (3 / 8)			
		Gas tube		mm (in.)		15.88 (5 / 8)			
Drain connection		25 A, OD32 mm							
Drain pump		Max. head 700 mm above drain connection							
Panel		Optional (CZ-KPD2)							
Remote controller		Optional (Wired / Wireless)							
Refrigerant tubing kit / Accessories		Optional / Accessory cable							
Color (Approximate value)		Munsell 2.5GY 9.0 / 0.5, RAL 9001-GL (resemblant color)							
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package			
Unit dimensions		Height		mm (in.)		220 (8-21 / 32)		235 (9-1 / 4)	130 (5-1 / 8)
		Width		mm (in.)		1230 (48-7 / 16)		1270 (50)	1260 (49-39 / 64)
		Depth		mm (in.)		800 (31-1 / 2)		790 (31-3 / 32)	875 (34-7 / 16)
Net weight		kg (lbs.)		22 + 5.5 (49 + 12)		-		-	
Shipping weight		kg (lbs.)		-		24.5 (54)		7.5 (17)	
Shipping volume		m ³ (cu.ft)		-		0.236 (8.3)		0.143 (5.1)	

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB